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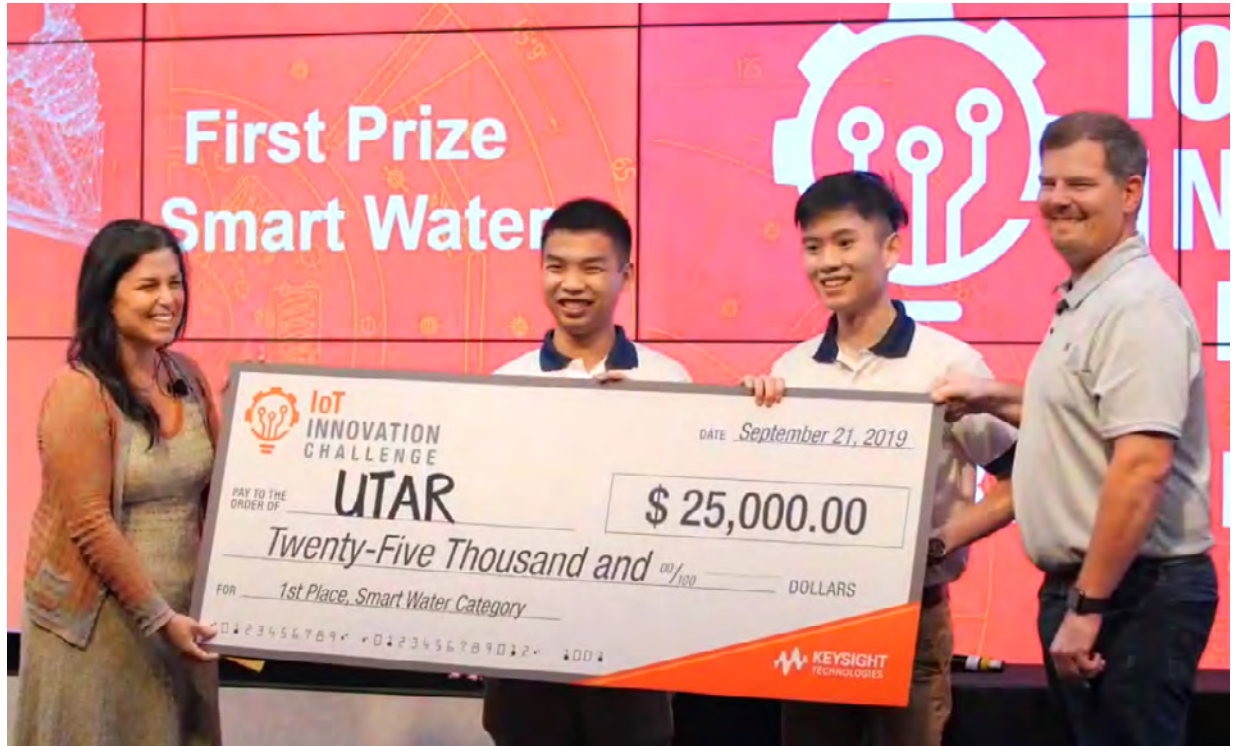
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2019
Issue 5

In Search
of Excellence

Special
Feature

Collaborations



Keysight CMO Ms Marie Hattar (left) and Keysight Marketing Senior Director Mr Joel Conover (right) presenting the winning prize



UTAR student Lim Wen Qing presenting to the judges in New York



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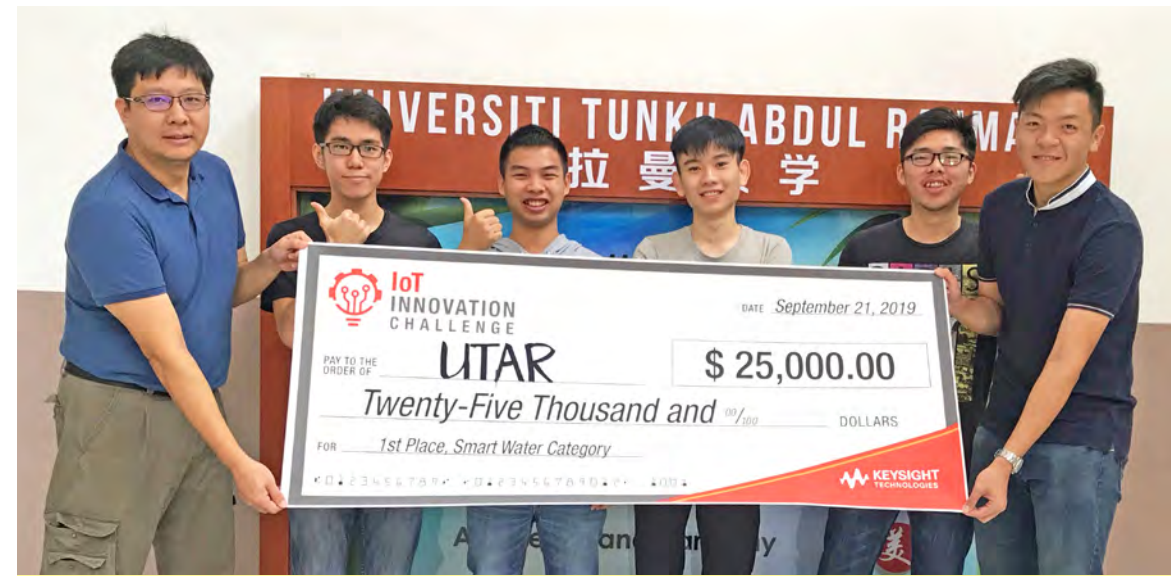


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▲ Jin Cheng (left) and Wen Qing, receiving the prize on behalf of the team, from Joel Conover



▲ The UTAR team inventors of the IoT Detachable Waterway Monitoring Device
From left: Ir Danny Ng, Khor Jun Bin, Au Jin Cheng, Lim Wen Qing, Yap Sheng Yao and Tan Kai Siang



▲ The IoT Innovation Challenge 2019 trophy

..... First place at the Keysight IoT Innovation Challenge Finals in New York

UTAR Lee Long Chian Faculty of Engineering and Science students Lim Wen Qing, Au Jin Cheng, Yap Sheng Yao, Tan Kai Siang and Khor Jun Bin won first (1st) place in the Smart Water category at the finals of the Keysight IoT Innovation Challenge held in New York, USA from 21 to 22 September 2019. The winning prize was USD25,000 and Keysight test equipment worth USD25,000. Keysight Technologies Inc sponsored two students from the UTAR team, Lim Wen Qing and Au Jin Cheng for an all-expenses paid trip to New York covering the airfare, accommodation, meals and transportation, to present their invention at the finals before a team of judges.

The Keysight IoT Innovation Challenge is a design competition that challenges engineering students worldwide to conceptualise low-power sensor networks to tackle issues brought on by today's rapid urbanisation. The competition had two tracks/categories, namely The Smart Land challenge and The Smart Water challenge and the challenge was open to all countries in the region of Asia Pacific and Greater China, Europe, and the USA.

The UTAR students invented a smart device that can monitor water pollutants in rivers and lakes with readings that can be downloaded (through an app) by the community to monitor the quality of water. This device, titled the IoT Detachable Waterway Monitoring Device with LoRa and Self-Sustainability, uses natural energy sources from the sun, wind and water. It is truly an ingenious invention with much engineering and scientific principles applied. The team members, at the idea

conception and construction stages, worked rather independently on their own, seeking assistance for supporting resources from their advisor and lecturer Ir Danny Ng Wee Kiat. They spent hours and brainstorming sessions looking into the intricacies of the device to ensure that the model is tested for practicality and precision.

The preliminary stage of the Keysight IoT Innovation Challenge required participants to present their design ideas via online written and video submissions. It saw the participation of universities from three regions, namely the United States, Europe, and Asia-Pacific & Greater China. The preliminary stage attracted nearly 300 entries worldwide in both tracks.

Among the countries which participated in the Asia-Pacific and Greater China region were Australia, China, Malaysia, New Zealand, Singapore, South Korea, Taiwan and Thailand. Within this region, more than 30 universities took part in the competition. From Malaysia alone, 10 universities, both public and private, participated in this challenge. Ultimately, the UTAR team was the only team selected as the finalist from the Asia-Pacific and Greater China region.

A total of six teams from both tracks (Smart Land and Smart Water), including UTAR, advanced to the final stage. The other five finalists were student teams from Massachusetts Institute of Technology (MIT, USA), Stanford University (USA), Massey University (New Zealand), Institute of Engineering & Management (India), and the University of Technology of Compiègne (France).

UTAR team's winning entry, the IoT Detachable Waterway Monitoring Device with LoRa and Self-Sustainability, is a system device that consists of four major component functions which are, monitoring of the water contents— its acidity, temperature, turbidity, etc; reporting of the data using peer-to-peer LoRa Mesh network; analysis of data collected in the cloud using machine learning algorithm; and energy harvesting system which includes solar, hydro and wind energy for self-sustainability of the device.

According to the team, the node to node communication present in each device enables it to form a large sensor monitoring network. Moreover, Machine Learning is used to analyse the data collected for anomaly detection. The data collected can be used to predict the future condition of waterways for preventive purposes. It is self-sustainable with the help of renewable energy integrated into the system. The monitoring device is modular and can be modified based on the environment. Another feature of the system device also allows the public and community to report on any pollution found in waters, hence making it more community-driven.

By creating a massive monitoring network, the team believes that the system will be able to monitor every single point from all around the world and an immediate response can be taken whenever the water quality reaches a critical stage.

The concept and idea, according to the UTAR winning team, was inspired by the recent water pollution and contamination incident that took place in the state of Johor, Malaysia. Over 2,500 people were affected by gas poisoning and 111 schools were closed as a result of illegally dumped chemical wastes in the river. With a great concern to help solve

this problem to prevent the people and the environment from suffering the same fate again in the future, the UTAR team discussed in great length and came up with this brilliant invention to help monitor and report on the quality of water in the waterways.

Wen Qing said that, "In my opinion, the two possible reasons why we won this competition are that firstly, this device was created in relation to an actual problem that took place in Malaysia. Secondly, this device is modular. We have incorporated three energy harvesting systems to charge the battery. They are solar, hydro and wind energy. The solar panels, wind turbine and water turbine are detachable. Only the necessary parts will be installed on the device depending on the environment. For example, in the forest, solar and wind energy are not reliable. Thus, only a water turbine is attached to the device."

He added further that, "This device was put to actual test on a river and it worked. We spent one week to test out the device in the Kuala Selangor River. The judges were also impressed that this device is very much community-oriented. People can easily report on any pollution found in waters by merely using an app. They can easily gain access to the data (condition of water) as well."

He elaborated that the most amazing feat was that this device was created and built from scratch with support from the University. The process itself was

educational and the team members were very hardworking and focussed. The collaborative teamwork to design and put all pieces together eventually was truly gratifying in the end.

Wen Qing, on behalf of his team, said, "I find the idea behind this challenge very useful as it greatly benefits the society and it looks into sustainability. The challenge was well organised and professionally implemented despite being held for the first time. Personally, it was an amazing experience. My team members and I feel very fortunate to have won this challenge."

The team's adviser and lecturer, Ir Danny Ng said that, "The IoT Keysight Challenge presented an opportunity for the students to compete with others on the world stage. The opportunity presented also enabled our students to compete and interact with students from other international universities during the time spent in New York. Through this challenge our students also gained valuable technical knowledge that will enhance their employability."

At the finals in New York, the students demonstrated their design and systems device at a live-streamed event before a panel of esteemed judges. These judges include United Nations Public Information Officer Ariel Alexovich, Founder & CEO of LunaSonde-cum-Student Innovator Jeremiah Pate, Electrical Engineer and YouTube star a.k.a. "ElectroBOOM" Mehdi Sadaghdar,

Senior Technical Editor for Aspecore Media Martin Rowe, Keysight Corporate and Portfolio Marketing Vice President Jeff Harris, General Manager of Keysight Electronic Industrial Products Christopher Cain, and Keysight Education & General Electronics Measurement Solutions Vice President Ee Huei Sin.

UTAR is a not-for-profit university, so the students did not have access to huge funding for a start. However, these students were ingenious and resourceful. With much hard work and determination, they excelled and built the device using existing resources available to them. They also managed to source a sponsor who lent them testing equipment for the device. These students have brought much pride to their friends in the faculty, their family, the university and the country. Well done.

Lim Wen Qing, Yap Sheng Yao and Au Jin Cheng are Year Three students who are currently pursuing their bachelor's degree in Mechatronics Engineering. They are actively involved in the UTAR Undergraduate Research Scheme (URS), a scheme for UTAR undergraduates to train in various aspects of research project implementation. Khor Jun Bin is also a Year Three student. He is currently pursuing his bachelor's degree in Mechatronics Engineering. Final year student Tan Kai Siang is pursuing his bachelor's degree in Actuarial Science.



▲ The IoT Detachable Waterway Monitoring Device being tested at the Kuala Selangor River for 1 week



▲ From left: Au Jin Cheng and Lim Wen Qing being interviewed by Joel Conover and Keysight Technologies Test Gear Expert and Content Strategist Daniel Bogdanoff

UTAR President Prof Chuah retires, Prof Ewe takes over



Prof Chuah Hean Teik



Prof Ewe Hong Tat

Prof Academician Dato' Dr Chuah Hean Teik has retired as President/CEO of UTAR after being with the university for more than 11 years. Prof Chuah joined UTAR in March 2008 as the President and Chief Executive Officer and he has since held the position until his retirement. Prof Chuah has had an illustrious career with UTAR creating many firsts for the university. He is a visionary with a keen foresight whose strategic decisions have elevated UTAR to tremendous heights of achievements that brought the university to the world map.

Under his focused leadership and his commitment to quality teaching and research, UTAR achieved favourable rankings and attained impressive awards from reputable institutions and Malaysian authorities. Prof Chuah also introduced and implemented the UTAR Soft Skills Development Certificate (USSDC) Programme for the students in the university. He has always encouraged entrepreneurship and supported many students in their activities including the set-up of a business incubator on campus. All these have contributed to our graduates enjoying a high employability rate of 95% to 97% within six months of graduation.

It was also during Prof Chuah's presidency that many staff and students won numerous local and international awards for performances in sports, academia, projects, research and publications. He has indeed created a positive and encouraging environment for top performances among both staff and students that led to many milestone achievements. Prof Chuah will continue to contribute his services in the fund-raising

efforts of the UTAR Kampar Hospital and will continue to provide his advice on the development of UTAR Hospital.

UTAR Chancellor Tun Dr Ling Liong Sik, UTAR Education Foundation Board of Trustees (BoT) Chairman Tan Sri Dato' Dr Sak Cheng Lam and UTAR Council Chairman Tan Sri Dato' Seri Dr Ting Chew Peh expressed their appreciation to Prof Chuah for having served and contributed to UTAR as President for the past 11 years.

Representing BoT and Council, Tan Sri Sak said, "As much as we've been very reluctant to let him go, we had to accept his decision to retire. His contributions to UTAR have been immense and invaluable with his leadership in guiding the development of UTAR into an esteemed university that benefitted numerous lives and we would like to record that UTAR Education Foundation and Council thank him for the great work that he has done for the university. No words will be able to express our gratitude."

His successor is Ir Prof Dr Ewe Hong Tat who will assume the position as UTAR President/CEO after Prof Chuah's retirement. Prof Ewe graduated with a Bachelor of Engineering (1st Class Honours) in Electrical Engineering from University of Malaya in 1992. He completed his Master of Science in Electrical Engineering and Computer Science from the Massachusetts Institute of Technology (MIT), USA in 1994. In 1999, Prof Ewe obtained his Doctor of Philosophy from the Faculty of Engineering, Multimedia University.

After working in Universiti Malaya and Multimedia University for 14 years, Prof Ewe joined UTAR as a Professor in September 2008 and was appointed the

Dean of the UTAR Faculty of Information and Communication Technology in November 2008, a position he held until May 2010. Since July 2009, Prof Ewe assumed the position of UTAR Vice President (Internationalisation and Academic Development).

He was also the recipient of a number of awards including The Young Scientist Award of URSI (International Union of Radio Science) in 1996, The Outstanding Young Malaysian (TOYM) Award in 2005 for Academic Leadership and Accomplishment, and The Toray Science and Technology Award by Malaysian Toray Science Foundation in 2011.

He is currently a Fellow of Academy of Sciences Malaysia (ASM), Fellow and Secretary General of ASEAN Academy of Engineering and Technology (AAET), Chair of IEEE Geoscience and Remote Sensing Society Malaysia Chapter, Deputy Chairman of Science, Technology and Innovations Consultative Committee of ACCCIM, Educational Counsellor and Regional Chair (Malaysia) of MIT Educational Council, and he was also a Council Member of Malaysia Qualifications Agency (MQA) from 2013-2018.

In publications, he has published seven books and book chapters, more than 160 international journal and conference papers, and more than 150 newspaper and magazine column articles. His research interests include microwave remote sensing, satellite image processing, wireless sensor network and intelligent computing. He is also active in consultancy and technopreneur development works and was a consultant/advisor for several listed and start-up companies in Malaysia.

Prof Yow is the new VP (IAD) of UTAR



Ir Prof Dr Yow Ho Kwang

Ir Prof Dr Yow Ho Kwang commenced his position as the new Vice President (VP) of Internationalisation & Academic Development (IAD) of Universiti Tunku Abdul Rahman (UTAR) from 16 September 2019.

Prof Yow graduated with a Bachelor of Engineering (First Class Honours) in Electrical and Electronic Engineering in 1992 and he completed his PhD in the same field in 1995, both at The University of Sheffield, United Kingdom. He subsequently completed his post-doctoral research associate in the same university in 1997.

He is also a Professor attached with the Lee Kong Chian Faculty of Engineering and Science in UTAR Sungai Long Campus. He was the former Deputy Dean as well as the former Dean of the Lee Kong Chian Faculty of Engineering and Science. Prior to that, he was a Professor and Dean of Engineering with the Faculty of Engineering at Multimedia University.

Prof Yow has spent short stints with the industry, working in the areas of III-V semiconductor-based optoelectronic device and processing, with Siemens Components (Advanced Technology) in Malacca; with Phosistor Technologies Inc in California, USA; and with several local training consulting companies.

He has more than 25 years of research experience working in semiconductor material and device related technology, and has authored/co-authored about 67 technical international journal papers and conference papers, mainly in GaAs-GaN HBTs, Defect Detection in Silicon wafers and Semiconducting Materials Applications. His current research interests include nanoscale MOS Devices, low-cost nanomaterials for electronic applications, advanced packaging for electronic products,

polymer/organic-based light emitting devices (LEDs) and solar cells.

Prof Yow is a registered Professional Engineer with a practicing certificate with the Board of Engineers Malaysia. He is a Senior Member of IEEE, USA, and a member of the Institution of Engineers, Malaysia. He is involved in providing consulting and training services to training consulting companies in Malaysia, in the areas of cleanroom technology, semiconductor wafer processing and fabrication, semiconductor materials and devices, and technical article writing, interacting with engineers from Texas Instruments, Keysights Technologies, Broadcom Technologies, National Semiconductor, Intel, Renesas Semiconductor, and Infineon technologies, to name a few.

Among his other expertise consultancy works include Technology Assessment for STAR Grant and Multimedia Grant Scheme. He is also Journal Reviewer for IEEE Electron Device Letter, Journal of Applied Polymer Science, Material Science and Engineering B, Journal of Electrochemical Society, Applied Materials and Interface, and Journal of Alloy and Compound, USA.

Prof Yow has more than 20 years of teaching experience in the course areas of Solid State Electronics, Optoelectronics, Power Electronics, Semiconductor Materials and Devices, Device Processing and Technology, for undergraduate and postgraduate degree programmes.

With Prof Yow's vast experience in academia and the industry, he has much to offer to the university as the Vice President. UTAR proudly welcomes Prof Yow as its new Vice President of Internationalisation and Academic Development and looks forward to his contribution and leadership.

An Accomplished and Inspiring Leader

As Ir Academician Prof Tan Sri Dato' Dr Chuah Hean Teik retires from UTAR, both staff and students, received the news with a tinge of sadness but a feeling of much pride for the former president of UTAR, whose accomplishments and contributions to the university are multi-fold, spanning a period of more than 11 years. As explained in his email to the staff, it is time for him to retire and for him to pass the baton to the next president.

As an engineer, Tan Sri Chuah is well known and well respected in Malaysia, ASEAN, Asia and the Pacific. Such a feat is certainly accompanied by strong leadership qualities that saw many fortunate universities and professional bodies receiving his valuable guidance. He has also served and held significant decision-making and mentoring positions in 30 professional bodies and national committees; has obtained fellowships in 11 professional bodies locally and internationally; and most of all, has garnered a total of 40 titles, awards and professional recognition.

Having been in academia since 1986, Tan Sri Chuah has also held the post of a full Professor for the last 22 years. He was the founding Professor and Dean of the Engineering Faculty in Multimedia University. In recognition of his vast experience and his contributions towards the success of Multimedia University, Tan Sri Chuah was appointed to the post of President and Chief Executive Officer of UTAR in April 2008.

Within three years of his presidency, Tan Sri Chuah managed to link UTAR with universities and organisations worldwide. As a result of this initiative and his commitment towards internationalisation over the years, UTAR now has more than 360 local and international MoU partners from 24 economies and international students from more than 40 economies. He has been instrumental in the setting up of many student and staff exchange programmes leading to students from economies such as Japan, Korea, China, Philippines, Thailand, Indonesia, Singapore, Germany, Taiwan and France, studying and visiting UTAR on exchange programmes, and UTAR students going there on exchange and study tours. This year alone, about 2,000 UTAR and overseas students have participated in such inbound and outbound exchanges.

In addition to the exchanges, R&D collaborations between UTAR and Japan, Korea, China, Chinese Taipei and Germany have been mooted with many UTAR academics collaborating on projects and obtaining research grants to fund their projects. In 2016, he received the prestigious

Taiwan Professional Education and Culture Medal for his significant contributions in education and cultural exchanges between Taiwan and Malaysia.

In anticipating future trends and ensuring that the University progresses with time, Tan Sri Chuah initiated more than 50 new academic programmes for UTAR which included degrees in international shipping and logistics, international economics, internet engineering, environmental engineering, traditional Chinese medicine, games design and early childhood education. It was also during his tenure as President that the Tun Tan Cheng Lock Centre, the China-Malaysia TCM Centre and the Mary Kuok Library in UTAR Sungai Long Campus, and the Mencius Institute, Jobstreet Corner and UTAR Gallery in UTAR Kampar Campus, were set up within the campus itself.

During his tenure as the President of UTAR, Tan Sri Chuah has also led the university with much dedication and introduced several remarkable educational initiatives which enhanced the educational experience of students in the university. Among his many academic contributions to UTAR, the most significant was when he designed a structured Soft-Skill Development Certification programme (USSDC) for all UTAR undergraduates so that they can be better trained as wholesome graduates in addition to academic studies. This certification programme covers 10 key components for overall character building and introduces soft skills training that enhance the education of UTAR students and contribute towards UTAR graduates enjoying an overall employability rate

of 97% within the first six months after graduation.

With the same mission of enhancing the educational experience of UTAR students, Tan Sri Chuah initiated the New Village Community Projects in UTAR in 2009. The project aims to bring undergraduate students to the new villages for community work and to help boost the local village industry by introducing e-commerce. To-date more than 500 new village projects across the country have been completed and more than a million people, including staff, students and the community, have participated in various community projects and lifelong learning courses over the years. For UTAR's consistent efforts in conducting community work, the university won the CSR Excellence Award at the Sin Chew Business Excellence Award (SCBEA) 2017/2018 for the Corporate Social Responsibility Category. Subsequently, the following year, UTAR won the Sin Chew Education Awards (SCEA) 2018/2019 for Outstanding Educational Institutions in the Private Universities/Colleges Category.

Between 2010 -2012, Tan Sri Chuah brought in support and contributions from various corporations and individuals to set up sponsored Chairs, resulting in major public listed companies and philanthropists sponsoring nine Endowed Chairs for the university. In addition, further support from the industry led to many research grants, sponsored IT & Engineering laboratories, and scholarship schemes for UTAR students.

Under his leadership, UTAR has been ranked #501-600 in the *Times Higher Education* World University Rankings in 2018, 2019 and 2020, ranked top 120 in

the *Times Higher Education* Asia Pacific University Rankings for 2018 and 2019; and ranked #101-200 in the inaugural *Times Higher Education* University Impact Rankings 2019. UTAR is also ranked #188 in the QS Asia University Rankings 2019. These achievements are significant considering the fact that UTAR was only established in 2002. UTAR has recently been awarded Premier Digital Tech University status by the Malaysia Digital Economy Corporation (MDEC) for quality and commitment in offering top-notch digital technology courses in Malaysia. This recognition is a result of providing students with the relevant training in digital technology to ensure our students are professionally qualified to fulfil digital job demands locally and globally.

Tan Sri Chuah's contributions and service to the engineering industry have been remarkable, reaching out to many communities far and wide and contributing his expertise in many engineering boards, accreditation bodies and professional organisations including government agencies. Tan Sri Chuah was recently awarded FEIAP Engineer of the Year 2019, a prestigious regional award; and the World Engineering Organisations 2019 Medal of Excellence in Engineering Education. These awards are testimony of his contributions in helping many developing countries in Asia the Pacific and African countries in setting up their engineering

accreditation systems. He was also admitted to the Engineering Hall of Fame by the Institutions of Engineers Malaysia (IEM) in 2019 for his outstanding professional achievements, and contributions to the engineering profession and the country. He was awarded a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) USA in 2014, the first and only Fellow of IEEE in Malaysia. This is the highest grade of membership which is recognised by the electrical engineering community

as a prestigious honour. Tan Sri Chuah is also currently a member of the Civil Aviation Authority of Malaysia, member of the Engineering Accreditation Council, and President of the ASEAN Academy of Engineering and Technology.

For Tan Sri Chuah's immense contribution and in recognition of his meritorious service to UTAR; the university, with the approval of the Senate on 5 September 2019, confer upon Tan Sri Chuah the Emeritus Professor award.







“ You are like the lamppost that lightens the darkest of streets. It is sad to say goodbye but it is the perfect occasion to let you know that you were the best leader in the world for us and you will always be. You performed your duties like a role model. Thanks for getting UTAR to be among the top universities in the country. I am proud to be a UTAR alumni because of your contribution. We wish you nothing but the best on your retirement. You deserve the greatest ovation upon your retirement. ”

Kee Chia Hee
Branch Manager of HSBC Amanah Malaysia Bhd,
Kota Damansara

“ As the chairperson of UTAR Student Representative Council (SRC) 2019-2020, I am pleased to send my greetings to Prof Chuah upon his retirement. Whenever we meet him, he always shares his own experience with us and gives us good advice which are new and educational to us. I know him as a former president who cares and worries about his students. Although sometimes he might not agree with us, he listens to our opinions and explains. Indeed he is a great man with a great personality. The SRC thanks him for his years of contribution to UTAR and the society. We hope he enjoys his retirement and be in the pink of health always. ”

Leo Cheong Zhe
Chairperson

Student Representative Council 2019-2020, UTAR Sungai Long



Lim Kai Wen
Student
Bachelor of Engineering (Hons)
Mechatronics Engineering

“ I remember the first time I approached Prof Chuah about the formation of a new club. He was very patient and friendly. I was very unsure at first and I took a bold step to approach him personally. I went to his office not knowing what to expect and I was scared as well. I never expected him to support the formation of the club. He even gave me good advice and much help. He motivated me and gave me faith in doing what I love. Before meeting him, I was told that he is very strict but upon meeting him, I found him to be very approachable and kind. To me, he is my idol, someone whom I fully respect and look up to.
Prof Chuah isn't just the former President of UTAR, he is more of a friend to every student in UTAR. I have seen him many times and no matter how exhausted he is, he would still give time to listen and help. I can never thank Prof Chuah enough for making my experience in UTAR memorable. I wish him a happy retirement and look forward to telling him the success of my projects in the future. ”

“ First of all, I would like to thank you for being our UTAR President, our Student Representative Council (SRC) 2016-2017 "Father figure", as well as a life mentor to me.
We and the SRC members have learnt a lot from you and we truly appreciate your guidance, your patience and most importantly, your passion in education.
I remembered the first time we had lunch together with other SRC members and you shared a lot of stories and experiences with us. The one thing that I remembered the most was this quote:
"Your university degree is your bronze card,
Your personal experience is your silver card,
Your connections (in total) is your gold card,
but your mindset is your one & only trump card"
It is so meaningful and we carry this principle with us ever since that day.
After we stepped down as SRC members, I still remember, the second lunch we had together and you told us your hopes for UTAR Kampar Hospital. Your vision and your sincerity in students' education touched our hearts deeply. As one of your disciples, I felt very proud and inspired.
When you told us that you were retiring, we felt sad but at the same time we were happy for you as you finally get to retire and enjoy life. When we met again recently, you shared a wise quote with us again. "上台靠机会, 下台靠智慧". I know that this quote will serve as a guide for us always.
If you want me to use a word to describe you, I would say Wise. Your wisdom reflects your knowledge and experience in life.
Thank you Prof Chuah, for elevating UTAR towards international recognition.
Stay healthy and stay happy always. ”



Ng Zi Kent
SRC Chairperson 2016/2017
& SRC Sungai Long Campus
2016/2017

Congratulations to Prof Chuah on being conferred the PSM

Our heartfelt congratulations to Ir Academician Prof Tan Sri Dato' Dr Chuah Hean Teik on being conferred the Darjah Kebesaran Panglima Setia Mahkota (PSM), which carries the title **Tan Sri**, by Yang di-Pertuan Agong Al-Sultan Abdullah Ri'ayatuddin Al-Mustafa Billah Shah on 9 September 2019 at the investiture ceremony held at Istana Negara.

This title was conferred to recognise Prof Chuah's significant contributions and services to the nation. The ceremony was held in conjunction with Yang di-Pertuan Agong's birthday this year.

The conferment of the awards, honours and medals was Yang di-Pertuan Agong Al-Sultan Abdullah's first investiture ceremony after he was installed as the 16th Yang di-Pertuan Agong on 30 July 2019.



Outstanding reviewer for *Internet Research*

Faculty of Business and Finance (FBF) academic Dr Garry Tan Wei Han, was recently awarded as "2019 Outstanding Reviewer" for *Internet Research Journal* in the Emerald Literati Awards for Excellence 2019 by Emerald Publishing.

The award was given based on the nomination from the Editor of *Internet Research*, Prof Christy M.K. Cheung from Hong Kong Baptist University. "My gratitude goes to Prof Cheung, a prominent academic in Information Systems, for the nomination. I am also very grateful to my supervisor Prof Ooi Keng Boon. His guidance, dedication, enthusiasm and optimism has led me to become a better reviewer," enthused Dr Tan.

"Emerald Publishing Limited, United Kingdom, celebrates and rewards outstanding contributions of scholarly research reviewers through its prestigious Emerald Literati Awards for Excellence. Specifically, the Outstanding Reviewer Award provides reviewer the recognition and international credit they deserve for ensuring that every paper published makes a genuine impact to the academic field. Therefore, I am very honoured and humbled to receive the award. In view of its prestige, I am delighted to play a role in the growth of the journal," said Dr Tan.

Internet Research is a ranked A journal by the Australian Business Deans Council (ABDC) Journal Quality List and has an Impact Factor of 4.109 according to the Journal Citation Reports (JCR) 2018. Dr Tan has reviewed over 260 articles indexed in Clarivate Analytics (SSCI; SCI; SCIE; ESCI) and Scopus as to date. He was the recipient of the Outstanding Reviewer for the Journal of Industrial Management and Data Systems (Emerald; Clarivate Analytics SCIE) in the 2016 Emerald Literati Network Awards for Excellence, recipient of the 2017 and 2018 Publons Global Peer Review Award and the 2019 National Outstanding Reviewer by Private Education Co-operative Malaysia (with support from Emerald Publishing, United Kingdom and The Ministry of Education, Malaysia).



▲ Dr Tan (left) receiving the award from Elvin Cheah, representative of Emerald Publishing

In view of his contribution in reviewing, Dr Tan was also invited by Emerald Publishing and Xiamen University (Malaysia Campus) as one of their speakers to share on 'How to Critically Evaluate a Manuscript' in 2017 and 2019 respectively. Additionally, he also sits as an editorial review board members for Industrial Management and Data Systems (Emerald; Clarivate Analytics; SCIE), International Journal of Bank Marketing (Emerald; Clarivate Analytics; SSCI), Journal of Entrepreneurship in Emerging Economies (Emerald; Clarivate Analytics; ESCI), Internet Research (Emerald; Clarivate Analytics; SCIE; SSCI) and Tourism Review (Emerald, SSCI), which is one of the oldest and most established Tourism journals in the world with more than 70 years of history in publishing.

Champion in CFA Society Malaysia Ethics Challenge 2019

Four Faculty of Business and Finance (FBF) students emerged as the Malaysia National Champion in the Chartered Financial Analyst (CFA) Society Malaysia Ethics Challenge 2019 held at InterContinental Hotel, Kuala Lumpur on 21 September 2019.

Organised by the CFA Society Malaysia to improve students' awareness of the potential ethical dilemmas and issues faced by investment professionals in the investment management industry, the challenge required the participating teams to analyse real cases and formulate solutions to them.

Mentored by Finance lecturer Lim Chong Heng, the UTAR FBF team consisted of Finance students Lay Yi Cong, Hor Cindy, Kong Jia Hui, and Financial Economics student How Chao Xun. Throughout the competition, the quartet proved their mettle in a 10-minute presentation which saw them demonstrating their maturity and understanding of the case, further impressing the judges with their precision in answering the judges' questions in the subsequent session.

The quartet will represent UTAR at the Regional Grand Finals in Singapore on 19 October 2019.



▲ From left: Kong, Hor, How, and Lay receiving the award from CFA Society Malaysia President Justin Ong Kean Hu while Vice President Muhammad Faridq Rashid Bin Ridzuan (most right) look on

PR graduate wins Supernewsroom Young PR Professional Award

Bachelor of Communication (Hons) Public Relations (PR) graduate Ku Wen Xin has added another mark of recognition to UTAR's list of academic achievements by winning the "Supernewsroom Young PR Professional Award 2019" on 29 July 2019 at Kampar Campus.

The award was presented by Chief Executive Officer of intelektasia Consultancy and Founder of Supernewsroom Manminder Kaur Dhillon, who is also the Industry Advisor (IA) for UTAR's Department of Public Relations. Others present at the award ceremony were intelektasia Chief Strategy Officer Puspavathy Ramaloo, Dean of UTAR Faculty of Arts and Social Science Dr Lee Lai Meng, Department of Public Relations Head S. Maartandan, UTAR staff and students.

Ku, the fourth recipient of the award, received RM500. She was selected among three shortlisted names for the interview process with FAS Dean, Deputy Dean, Head of Department and Manminder. She was selected based on her excellent academic, soft skills and co-curriculum performances.

Supernewsroom Young PR Professional Award was inaugurated to encourage and recognise PR students for their exceptional dedication, outstanding achievements and academic excellence throughout their academic journey. It is an initiative by UTAR and intelektasia Consultancy to understand and appreciate young PR talents who will help contribute to developing a collaborative network for advancing education and vacation.



▲ Proud winner Ku (middle) with Maartandan (left) and Dr Lee

Ikigai, Daoyin and Rasayana at the 9th INTRACOM

People of various cultures have their own practices for healthy ageing. The Japanese propose the concept of *ikigai*, a reason for being and the thing that you live for. The Chinese practise *daoyin*, an ancient mind-body exercise that channels your qi in your body through traditional physical exercises. The Ayurvedic practitioners in India propose the *rasayana*, the path of essence, to lengthen lifespan.

All these and more on the integrated approach to healthy ageing were elaborated at the 9th International Conference on Traditional and Complementary Medicine (INTRACOM) by 50 speakers from 10 economies who consisted of accomplished researchers, professors, academics, T&CM practitioners, health specialists, doctors, ministries, policy makers, licencing authorities, agencies and international organisations including WHO.

The 9th INTRACOM was held from 3 - 5 August 2019 at One World Hotel in Petaling Jaya. The conference was organised by the Ministry of Health (MoH), Malaysia in collaboration with UTAR. This was the first time the Ministry of Health collaborated with UTAR for this international T&CM conference and UTAR is indeed proud to have been a part of this international conference to support the Ministry.

The international conference saw the



Opening Ceremony of 9th INTRACOM (from left): Prof Chuah, HE Shri Mridul Kumar, YB Datuk Seri Dr Dzulkefly, Datuk Dr Noor Hisham and Dr Goh

participation of more than 400 local and international participants from World Health Organisation (WHO), China, UK, Australia, India, Indonesia, Japan, Korea, Malaysia, Thailand, Turkey, Singapore, Hong Kong, UAE and Serbia. The conference aimed to promote healthy ageing through integrated approaches and holistic management of health, and provide networking opportunities to share and exchange knowledge and experiences on healthy ageing.

The advisor of the 9th INTRACOM organising committee was Datuk Dr Hj Rohaizat Hj Yon, Deputy Director General (Medical), Ministry of Health Malaysia while the chairperson was Dr Goh Cheng Soon, Director of the T&CM Division in the Ministry of Health,

Malaysia. The co-chairperson was Assoc Prof Dr Te Kian Keong, Head of UTAR Chinese Medicine Department in the Faculty of Medicine and Health Sciences and Chair of the Centre for Research in TCM. More than 40 UTAR students in the Chinese Medicine degree programme pooled their efforts together to be on duty to support and contribute as helpers for the three-day event on a voluntary basis.

The opening ceremony was graced by the guest of honour YB Datuk Seri Dr Dzulkefly Ahmad, the Minister of Health, Malaysia. Also present was His Excellency (HE) Shri Mridul Kumar, the High Commissioner of India to Malaysia; YBhg Datuk Dr Noor Hisham b Abdullah, the Director General of Health, Malaysia; Dr Goh; and Ir Prof Academician Dato' Dr Chuah Hean Teik, who was the UTAR president at that time.

The closing ceremony included the presentation of the prizes for the poster competition held in conjunction with the 9th INTRACOM. The first prize for the poster presentation competition went to Dr Krishan Kariippanon from University of Wollongong, the second prize went to Dr Radzuan Mat Ibrahim from the T&CM Unit of Hospital Rehab Cheras and the third prize winner was Assoc Prof Dr Qodriyah Hj Saad from UKM.

The 9th INTRACOM was supported by the Ministry of Tourism, Arts & Culture Malaysia, Malaysia Convention & Exhibition Bureau, Visit Truly Asia Malaysia, Ogawa, Sahajidjah Hai-O, Almaa, International SOS, and Tanamera. A total of 34 booths was set up at the conference showcasing various services, products and exhibits.

(Photo from Sin Chew)



Front row, from left: Prof Chuah, HE Shri Mridul Kumar, YB Datuk Seri Dr Dzulkefly, Datuk Dr Noor Hisham and Dr Goh with participants



Warming up with tai chi exercises at the opening ceremony

▼ Dr Goh giving her welcome speech



Opening speech: ▶ YB Datuk Seri Dr Dzulkefly thanking organisers, speakers, sponsors and participants for coming together to share and exchange knowledge on T&CM in support of healthy ageing



Datuk Dr Noor Hisham gave a keynote address titled "Creating a Healthy Ageing Nation through Integrated Approach" at the opening ceremony



Dr Park Yu-Lee from WHO ▶ Regional Office for the Western Pacific presenting her paper on "Healthcare Financing in Ageing Population. Where does T&CM Stand?" She talked about healthcare financing in an ageing population and the acceptance of T&CM in healthcare insurance



◀ Prof Dr Tetsuya Ohira lightening up the audience with his presentation on *Laughter is the Best Therapy for Happiness and Healthy Life Expectancy*. He engaged the audience with his humour and laughter exercises



Dr Justin Hanse Lee (Korea) presented Korea's model on the National Health Insurance System on coping with the aged in the country



▶ Prof Dr Keith Hill from Monash University Australia presenting his paper on *Health Benefits of Exercise for Older People - the Research Evidence and Approaches to Maximise Participation*



Dr Sare ▶ Davutoglu (Turkey) talked about Fasting, Nutrition and Well Being. She talked about the benefits of fasting and referred to historical practices of fasting



Prof Chuah presenting a healthy gift to YB Datuk Seri Dr Dzulkefly at the opening

More than 2,000 Sungai Long community members turned up to celebrate the autumn festival



▲ Drums' echo officiates the colourful evening (from right): Leo, Prof Choong, Prof Ewe, YB Dr Ong, YB Lee, Kwan and Thiagarajah (far left)

Persatuan Penduduk Bandar Sungai Long, Majlis Perwakilan Penduduk (MPP) MPKJ Zon 11, Penggerak Belia Tempatan (PeBT) Zon 11, and UTAR Student Representative Council (SRC) joint hands to organise the mid-autumn festival at Persiaran SL 1, Bandar Sungai Long on 13 September 2019. The event was organised in collaboration with various institutions and societies, namely SJK (C) Bandar Sungai Long, Persatuan Peniaga-Peniaga Kecil Bandar Sungai Long, Persatuan Penjaja Pasar Malam Bandar Sungai Long, Yu Lan Sheng Hui Bandar Sungai Long, Bandar Sungai Long Community Police, Persatuan Peniaga Bandar Sungai Long dan Bandar Mahkota Cheras, Yang Wu Martial Arts & Lion Dance and Persatuan Tzu Chi.

The first of its kind, the community-based celebration was attended by Deputy Minister of International Trade and Industry-cum-Member of Parliament for Bangi YB Dr

Ong Kian Ming, Selangor State Legislative Assemblyman for Kajang YB Hee Loy Sian, UTAR President Ir Prof Dr Ewe Hong Tat, Selangor State Legislative Assemblyman for Balakong YB Wong Siew Ki, Chairman of PeBT Zon 11 Raymond Kwan Say Hong, UTAR Vice President for Student Development and Alumni Relations Prof Dr Choong Chee Keong, Member of Kajang Municipal Council (MPKJ) Thiagarajah Rajagopal, UTAR SRC Chairperson Leo Cheong Zhe, Selangor State Legislative Assemblyman for Kuala Kubu Bharu YB Lee Kee Hiong, Selangor State Legislative Assemblyman for Teratai YB Brian Lai, local residents, UTAR staff and students as well as the public.

In his speech, YB Dr Ong thanked UTAR for its kind cooperation and for providing a venue to organise the event. He also hopes to see more events as such in the future. Happy

to witness Bandar Sungai Long community joining the event, Prof Ewe said that UTAR regularly organises community projects with the locals. As a result, UTAR had established a good relationship with the locals. Organising Chairperson Kwan thanked everyone and said that the programme was successful because of the cooperation it received from the youths who were committed to serving society from all walks of life.

The night was filled with multicultural performances of traditional dances, lion dance, diabolo, lucky draws, singing performance and more. With the theme *Meraih dan Berarak Bersama Di Bandar Sungai Long* (celebrate and parade in Bandar Sungai Long), the event also saw the crowd celebrating the festival in a traditional way by parading around the commercial area of Bandar Sungai Long with a variety of lanterns, accompanied by lion dances.



Visitors flooding Persiaran SL 1 as early as 7:00 p.m



Visitors taking photos with the giant moon



1,000 mooncakes with assorted flavour for the visitors to enjoy



2,000 lanterns were given away to visitors to light up the evening



From left: YB Dr Ong, Prof Ewe and Kwan



Guests and the crowd ready to parade with their lanterns



Energetic lion dance performance by Yang Wu Martial Arts & Lion Dance



Beautiful traditional Chinese dance performance by UTAR students



PeBT presented a remarkable Indian traditional dance



Silat Sukmo Rogo performers demonstrating their skills




Diabolo performance by UTAR Diabolo Team



Adorable Meow Meow Dance performance by SJK (C) Bandar Sungai Long students



Ukulele performance by students of SJK (C) Bandar Sungai Long



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